Melania Gaggini

List of Publications by Year
in descending order

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63 papers	3,430 citations	279487 23 h-index	161609 54 g-index
66 all docs	66 docs citations	66 times ranked	6149 citing authors

#	Article	IF	Citations
1	Non-Alcoholic Fatty Liver Disease (NAFLD) and Its Connection with Insulin Resistance, Dyslipidemia, Atherosclerosis and Coronary Heart Disease. Nutrients, 2013, 5, 1544-1560.	1.7	648
2	The Subtle Balance between Lipolysis and Lipogenesis: A Critical Point in Metabolic Homeostasis. Nutrients, 2015, 7, 9453-9474.	1.7	354
3	Altered amino acid concentrations in NAFLD: Impact of obesity and insulin resistance. Hepatology, 2018, 67, 145-158.	3.6	296
4	Saturated Fat Is More Metabolically Harmful for the Human Liver Than Unsaturated Fat or Simple Sugars. Diabetes Care, 2018, 41, 1732-1739.	4.3	266
5	Role of Adipose Tissue Insulin Resistance in the Natural History of Type 2 Diabetes: Results From the San Antonio Metabolism Study. Diabetes, 2017, 66, 815-822.	0.3	234
6	Metabolomics and lipidomics in NAFLD: biomarkers and non-invasive diagnostic tests. Nature Reviews Gastroenterology and Hepatology, 2021, 18, 835-856.	8.2	183
7	Crosstalk between adipose tissue insulin resistance and liver macrophages in non-alcoholic fatty liver disease. Journal of Hepatology, 2019, 71, 1012-1021.	1.8	128
8	Nonalcoholic Fatty Liver Disease and Type 2 Diabetes: Common Pathophysiologic Mechanisms. Current Diabetes Reports, 2015, 15, 607.	1.7	102
9	Effects of Probiotic Supplementation on Gastrointestinal, Sensory and Core Symptoms in Autism Spectrum Disorders: A Randomized Controlled Trial. Frontiers in Psychiatry, 2020, 11, 550593.	1.3	86
10	Distinct contributions of metabolic dysfunction and genetic risk factors in the pathogenesis of non-alcoholic fatty liver disease. Journal of Hepatology, 2022, 76, 526-535.	1.8	80
11	Exenatide improves both hepatic and adipose tissue insulin resistance: A dynamic positron emission tomography study. Hepatology, 2016, 64, 2028-2037.	3.6	78
12	HCC Development Is Associated to Peripheral Insulin Resistance in a Mouse Model of NASH. PLoS ONE, 2014, 9, e97136.	1.1	76
13	Mboat7 down-regulation by hyper-insulinemia induces fat accumulation in hepatocytes. EBioMedicine, 2020, 52, 102658.	2.7	71
14	Peripheral insulin resistance predicts liver damage in nondiabetic subjects with nonalcoholic fatty liver disease. Hepatology, 2016, 63, 107-116.	3.6	67
15	Lack of NLRP3-inflammasome leads to gut-liver axis derangement, gut dysbiosis and a worsened phenotype in a mouse model of NAFLD. Scientific Reports, 2017, 7, 12200.	1.6	57
16	Increased FNDC5/Irisin expression in human hepatocellular carcinoma. Peptides, 2017, 88, 62-66.	1.2	52
17	Ectopic fat: the true culprit linking obesity and cardiovascular disease?. Thrombosis and Haemostasis, 2013, 110, 651-660.	1.8	51
18	PPARâ€Î³â€induced changes in visceral fat and adiponectin levels are associated with improvement of steatohepatitis in patients with NASH. Liver International, 2021, 41, 2659-2670.	1.9	51

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19	Osteopontin in hepatocellular carcinoma: A possible biomarker for diagnosis and follow-up. Cytokine, 2017, 99, 59-65.	1.4	45
20	Not all fats are created equal: adipose vs. ectopic fat, implication in cardiometabolic diseases. Hormone Molecular Biology and Clinical Investigation, 2015, 22, 7-18.	0.3	39
21	Insulin Resistance and Endothelial Dysfunction: A Mutual Relationship in Cardiometabolic Risk. Current Pharmaceutical Design, 2013, 19, 2420-2431.	0.9	37
22	Short-term Effects of Laparoscopic Adjustable Gastric Banding Versus Roux-en-Y Gastric Bypass. Diabetes Care, 2016, 39, 1925-1931.	4.3	35
23	Ceramides as Mediators of Oxidative Stress and Inflammation in Cardiometabolic Disease. International Journal of Molecular Sciences, 2022, 23, 2719.	1.8	27
24	Biomonitoring of Bis(2-ethylhexyl)phthalate (DEHP) in Italian children and adolescents: Data from LIFE PERSUADED project. Environmental Research, 2020, 185, 109428.	3.7	26
25	Inflammatory Biomarkers are Correlated with Some Forms of Regressive Autism Spectrum Disorder. Brain Sciences, 2019, 9, 366.	1.1	25
26	Relationship between hepatic and systemic angiopoietinâ€like 3, hepatic Vitamin D receptor expression and NAFLD in obesity. Liver International, 2020, 40, 2139-2147.	1.9	25
27	Altered Metabolic Profile and Adipocyte Insulin Resistance Mark Severe Liver Fibrosis in Patients with Chronic Liver Disease. International Journal of Molecular Sciences, 2019, 20, 6333.	1.8	24
28	Conventional and innovative methods to assess oxidative stress biomarkers in the clinical cardiovascular setting. BioTechniques, 2020, 68, 223-231.	0.8	23
29	Plasma Ceramides Pathophysiology, Measurements, Challenges, and Opportunities. Metabolites, 2021, 11, 719.	1.3	23
30	Interplay between Oxidative Stress and Metabolic Derangements in Non-Alcoholic Fatty Liver Disease: The Role of Selenoprotein P. International Journal of Molecular Sciences, 2020, 21, 8838.	1.8	22
31	Angiopoietin-Like Protein 4 Overexpression in Visceral Adipose Tissue from Obese Subjects with Impaired Glucose Metabolism and Relationship with Lipoprotein Lipase. International Journal of Molecular Sciences, 2020, 21, 7197.	1.8	19
32	Small intestinal metabolism is central to whole-body insulin resistance. Gut, 2021, 70, 1098-1109.	6.1	18
33	Glucose kinetics. Current Opinion in Clinical Nutrition and Metabolic Care, 2017, 20, 300-309.	1.3	17
34	Glucose Metabolism in High-Risk Subjects for Type 2 Diabetes Carrying the rs7903146TCF7L2Gene Variant. Journal of Clinical Endocrinology and Metabolism, 2015, 100, E1160-E1167.	1.8	15
35	Oxidative Stress Biomarkers in the Relationship between Type 2 Diabetes and Air Pollution. Antioxidants, 2021, 10, 1234.	2.2	14
36	Chronic Intranasal Insulin Does Not Affect Hepatic Lipids but Lowers Circulating BCAAs in Healthy Male Subjects. Journal of Clinical Endocrinology and Metabolism, 2017, 102, 1325-1332.	1.8	11

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37	Evaluation of Apelin/APJ system expression in hepatocellular carcinoma as a function of clinical severity. Clinical and Experimental Medicine, 2021, 21, 269-275.	1.9	10
38	Type 2 Diabetes and Oxidative Stress and Inflammation: Pathophysiological Mechanisms and Possible Therapeutic Options. Antioxidants, 2022, 11, 953.	2.2	10
39	Juvenile Toxicity Rodent Model to Study Toxicological Effects of Bisphenol A (BPA) at Dose Levels Derived From Italian Children Biomonitoring Study. Toxicological Sciences, 2020, 173, 387-401.	1.4	9
40	Mechanisms for increased risk of diabetes in chronic liver diseases. Liver International, 2020, 40, 2489-2499.	1.9	9
41	H2S as a Bridge Linking Inflammation, Oxidative Stress and Endothelial Biology: A Possible Defense in the Fight against SARS-CoV-2 Infection?. Biomedicines, 2021, 9, 1107.	1.4	9
42	Ectopic fat: a target for cardiometabolic risk management. Expert Review of Cardiovascular Therapy, 2016, 14, 1301-1303.	0.6	8
43	Ceramides and Cardiovascular Risk Factors, Inflammatory Parameters and Left Ventricular Function in AMI Patients. Biomedicines, 2022, 10, 429.	1.4	8
44	The color of fat and its central role in the development and progression of metabolic diseases. Hormone Molecular Biology and Clinical Investigation, 2017, 31, .	0.3	7
45	Do pentraxin 3 and neural pentraxin 2 have different facet function in hepatocellular carcinoma?. Clinical and Experimental Medicine, 2021, 21, 555-562.	1.9	6
46	Comparison between galectin-3 and YKL-40 levels for the assessment of liver fibrosis in cirrhotic patients. Arab Journal of Gastroenterology, 2021, 22, 187-192.	0.4	5
47	Changes in Plasma Bioactive Lipids and Inflammatory Markers during a Half-Marathon in Trained Athletes. Applied Sciences (Switzerland), 2021, 11, 4622.	1.3	4
48	Data mining of key genes expression in hepatocellular carcinoma: novel potential biomarkers of diagnosis prognosis or progression. Clinical and Experimental Metastasis, 2022, 39, 589-602.	1.7	4
49	Assessment of RANKL/RANK/osteoprotegerin system expression in patients with hepatocellular carcinoma. Minerva Endocrinology, 0, , .	0.6	3
50	Beneficial Effects of RYGB on ÃŸ-Cell Function and Hepatic and Peripheral Insulin Sensitivity Are Maintained Seven Years after Surgery in Both Diabetic and Nondiabetic Subjects. Diabetes, 2018, 67, 2089-P.	0.3	2
51	Brown versus white fat: are they really playing a role in obesity and cardiometabolic risk?. Clinical Lipidology, 2015, 10, 365-368.	0.4	1
52	Adipose tissue insulin resistance is associated with macrophage activation in non-diabetic patients with non-alcoholic fatty liver disease. Digestive and Liver Disease, 2016, 48, e12.	0.4	1
53	Active non-alcoholic steatohepatitis and severe fibrosis are associated to dysfunctional adipose tissue and worsen with adipose tissue insulin resistance independently of body mass index. Journal of Hepatology, 2020, 73, S110-S111.	1.8	1
54	Assessment of RANKL/RANK/osteoprotegerin system expression in patients with hepatocellular carcinoma. Minerva Endocrinology, 2021, 46, 367-369.	0.6	1

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55	Response to: Drug therapy for ectopic fat: myth or reality?. Expert Review of Cardiovascular Therapy, 2017, 15, 73-74.	0.6	0
56	Reply. Hepatology, 2018, 67, 1178-1180.	3.6	0
57	SAT-323-Selenoprotein P levels discriminate the degree of hepatic steatosis and are related to the NAS score in patients with non-alcoholic fatty liver disease. Journal of Hepatology, 2019, 70, e782.	1.8	0
58	FRI-283-Impact on NAFLD of long-term weight loss after bariatric surgery. Journal of Hepatology, 2019, 70, e520.	1.8	0
59	A 2,3-diphenylpyrido[1,2-a] pyrimidin-4-one derivative inhibits specific angiogenic factors induced by TNF-Î±. Saudi Pharmaceutical Journal, 2019, 27, 1174-1181.	1.2	0
60	Adipose tissue insulin resistance and inflammation, but not reduced hepatic fat oxidation, are associated to active NASH and severe fibrosis. Journal of Hepatology, 2020, 73, S142-S143.	1.8	0
61	Interplay between metabolic derangement, biomarkers of collagen remodeling and macrophage activation in non-diabetic patients with non-alcoholic fatty liver disease. Journal of Hepatology, 2020, 73, S405.	1.8	0
62	OC-07A machine learning approach for the classification of NASH vs NAFL in diabetic and non-diabetic subjects reveals a strong association between liver inflammation and adipose tissue dysfunction. Digestive and Liver Disease, 2021, 53, S4.	0.4	0
63	The Thyroid-Oxidative Stress Axis in Heart Failure. , 2020, , 171-186.		0